

**WHAT IS CLAIMED IS:**

1. A polyester composition comprising a polyester and from  
5 about 0.01 to about 15 weight percent of one or more microfibers,  
based on the total of the polyester.
2. The polyester composition of claim 1, comprising from about  
0.1 to about 2.5 weight percent of said microfibers.
3. The polyester composition of claim 1, comprising from about  
10 0.2 to about 1 weight percent of said microfibers.
4. The polyester composition of claim 1, wherein said polyester  
comprises polyethylene terephthalate.
5. The polyester composition of claim 4, wherein said polyester  
is a polyethylene terephthalate homopolymer.
- 15 6. The polyester composition of claim 4, wherein said polyester  
is a polyethylene terephthalate copolymer.
7. The polyester composition of claim 1, wherein said  
microfibers comprise organic microfibers.
8. The polyester composition of claim 7, wherein said organic  
20 microfibers comprise a polymeric material selected from the group  
consisting of aliphatic polyamides, polyesters, polyacrylonitriles,  
polyvinyl alcohols, polyolefins, polyvinyl chlorides, polyvinylidene  
chlorides, polyurethanes, polyfluorocarbons, phenolics,  
polybenzimidazoles, polyphenylenetriazoles, polyphenylene sulfides,  
25 polyoxadiazoles, polyimides, aromatic polyamides, cellulose, cotton,  
silk, and wool.
9. The polyester composition of claim 1, wherein said  
microfibers comprise inorganic microfibers.
10. The polyester composition of claim 9, wherein said inorganic  
30 microfibers comprise a material selected from the group consisting of  
alumina, silica, glass, carbon, boron, boron carbide, and silicon  
carbide.

11. The polyester composition of claim 1, further comprising one or more fillers.
12. The polyester composition of claim 11, wherein the one or more fillers comprise titanium dioxide.
- 5 13. The polyester composition of claim 1, further comprising one or more tougheners.
14. A process for making a polyester composition comprising a polyester and one or more microfibers, said process comprising providing a slurry containing said microfibers, contacting the slurry with one or more polymerizable components, and polymerizing the polymerizable components.
- 10 15. The process of claim 14 wherein the amount of said microfibers in said slurry is at least about 0.01 weight percent.
16. The process of claim 14 wherein the amount of said microfibers in said slurry is at least about 0.1 weight percent.
- 15 17. The process of claim 14 wherein the amount of said microfibers in said slurry is at least about 0.2 weight percent.
18. The process of claim 14 wherein the amount of said microfibers in said slurry is about 50 weight percent or less.
- 20 19. The process of claim 14 wherein the amount of said microfibers in said slurry is about 15 weight percent or less.
20. The process of claim 14 wherein the amount of said microfibers in said slurry is about 10 weight percent or less.
21. The process of claim 14 wherein the amount of said microfibers in said slurry is about 5 weight percent or less.
- 25 22. The process of claim 14 wherein the amount of said microfibers in said slurry is about 2.5 weight percent or less.
23. The process of claim 14 wherein said slurry comprises organic microfibers.
- 30 24. The process of claim 23 wherein said organic microfibers comprise a polymeric material selected from the group consisting of

- aliphatic polyamides, polyesters, polyacrylonitriles, polyvinyl alcohols, polyolefins, polyvinyl chlorides, polyvinylidene chlorides, polyurethanes, polyfluorocarbons, phenolics, polybenzimidazoles, polyphenylenetriazoles, polyphenylene sulfides, polyoxadiazoles, polyimides, aromatic polyamides, cellulose, cotton, silk, and wool.
- 5 25. The process of claim 14 wherein said slurry comprises inorganic microfibers.
26. The process of claim 25 wherein said inorganic microfibers comprise a material selected from the group consisting of alumina, silica, glass, carbon, boron, boron carbide, and silicon carbide.
- 10 27. The process of claim 14, further comprising adding one or more fillers to the polyester composition.
28. The process of claim 27, wherein the one or more fillers comprise titanium dioxide.
- 15 29. The process of claim 14, further comprising blending the polyester composition with one or more tougheners.
30. A molded article comprising the polyester composition of claim 1.
31. A monofilament comprising the polyester composition of claim 1.
- 20 32. A film comprising the polyester composition of claim 1.